

From: [Stephen Tzhone](#)
To: [Luda Voskov](#); [jessica.white@epa.gov](#); [Hupp, Steve \(PHES\)](#); [Allen, Bob \(PHES\)](#); [Philip Turner/R6/USEPA/US@EPA](#); [Forsythe.Barry@epamail.epa.gov](#); [Robert Werner/R6/USEPA/US@EPA](#); [Jeff Danielson](#)
Cc: [Carlos Sanchez](#); [Valmichael Leos](#); [Barbara Nann/R6/USEPA/US@EPA](#); [Lydia Johnson](#); [Jon Rauscher](#)
Subject: Path forward on fingerprinting for SJRWP
Date: 09/23/2010 02:27 PM
Attachments: [draft_Paper_Mills_092110a.pdf](#)

1) Bob, Jeff: Continue plotting all identified former and current paper mills and their outfalls. All currently received info below. Complete by Thur 10/7.

2) Luda, Jessica, Phil: On Fri 10/8, in addition to the Soil SAP, we'll go over this map and screen the identified location info for fingerprinting relevance in HSC-GB watershed.

3) Barbara, Bob, Val: On Mon 10/11, I will share the results and we can decide on any other recommendations with management before the fingerprinting analysis starts.

Thanks,

Stephen L. Tzhone
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▼ "Larry Koenig" ---09/23/2010 08:54:24 AM---Resend/clarification: my reference to a 13 mile pipeline was meant to be about the Sheldon mill, no

From: "Larry Koenig" <LKOENIG@tceq.state.tx.us>
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Date: 09/23/2010 08:54 AM
Subject: Re: Fwd: additional info from this morning's question on former and current paper mills; continue to send in if you have.

Resend/clarification: my reference to a 13 mile pipeline was meant to be about the Sheldon mill, not the Pasadena mill.

ev8kAAYAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAABCb2R5XzFCb2R5

▼ "Larry Koenig" ---09/23/2010 08:06:13 AM---The paper mill mentioned below at "Evandale, TX" is actually at Evadale, Tx (no n), situated on the

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Date: 09/23/2010 08:06 AM

Subject: Re: Fwd: additional info from this morning's question on former and current paper mills; continue to send in if you have.

The paper mill mentioned below at "Evandale, TX" is actually at Evadale, Tx (no n), situated on the east side of the Neches River north of Beaumont. It still exists, has a permit, and is clearly visible on GoogleEarth. It discharges into a miles-long canal that goes to a holding pond in the Neches bottomland, still a few miles north of Beaumont. Its discharge cannot have ever affected any part of the Houston Ship Channel. I don't know about sludge handling. This facility addressed its discharge under the 1991 TxWaterComm plan to reduce dioxin/furan discharge, and a Neches R tissue advisory issued in 1990 was rescinded a few years later (by 1997 at latest).

There is also another paper mill north of Orange and east of Mauriceville, along the Sabine River (on Texas side). Still active, visible on GoogleEarth, etc. Any discharge is to Sabine River > Sabine Lake, far from the HSC. This one is not mentioned at all in Bob's lists. I don't know when it was built, but it was there during the early 1980s when I was often in the area.

Locations of the Evadale and Mauriceville paper mills are labeled on the attached clip from GoogleEarth.



EastTexasPaperMills.jpg

The mill at Lufkin/Herty is now closed. It discharged to a trib (Papermill Creek) of the Neches River above Lake Sam Rayburn. Effluent discharge could not have ever affected the HSC.

I've never before heard of the 1939 Kalamazoo Vegetable Parchment Co plant mentioned in the list. That does predate me a little bit (he said wryly). I have no idea where it was, or whether it was actually the same as the Pasadena mill.

Incidentally, it is my understanding the Pasadena mill originally was a "pulp mill" that did not produce paper until sometime in the late 1940s. TCEQ records indicate its discharge pipeline to be a little over 13 miles long, to reach the point indicated on maps.

lk

▼ Jeff Danielson---09/22/2010 12:01:27 PM---Stephen, Talked with Bob. Can't

create a map at this time because there is no locational informati

From: Jeff Danielson/R6/USEPA/US
To: Stephen Tzhone/R6/USEPA/US@EPA
Date: 09/22/2010 12:01 PM
Subject: Re: Jeff: see below info, please call Bob and plot additional info (i.e., Kalamazoo, etc) on map, thanks.

Stephen, Talked with Bob. Can't create a map at this time because there is no locational information. There are 3 new locations that I haven't seen before (Southland Mill - Herty, Kalamazoo - Houston, & East Texas Pulp - Evandale). The Evandale mill is north of Beaumont and doesn't affect the San Jacinto River. The Southland Mill is next to Lufkin and looks to me like drainage in that area goes to Beaumont and not San Jacinto. That leaves just the Kalamazoo Mill as the only additional mill to add to the map. However, at this time we have not clue as to the actual location of the mill. Bob is looking into it and if he ever finds the location, we'll add it to the map.

Jeff

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▼ Robert Werner---09/22/2010 11:10:28 AM---Stephen, As previously known, 1. During 1937 the Champion Coated Paper Company of Ohio opened a pap

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Date: 09/22/2010 11:10 AM
Subject: San Jacinto River Waste Pits (06ZQ) - Re: question on former and current paper mills in HSC-GB watershed

Stephen,

As previously known,

1. During 1937 the Champion Coated Paper Company of Ohio opened a paper mill in Pasadena, TX. This facility was the first paper mill in TX.

2. During 1939, [Southland Paper Mills, Inc.](#) dedicated a new paper mill at Herty, TX (a few miles from Lufkin, TX).

I'm doing further research to confirm the current/past existence of paper mills in the general area of Houston. However, yesterday I've learned that:

1. During 1939, the Kalamazoo Vegetable Parchment Company opened a paper making facility in Houston, TX [\(Note 1\)](#).

2. During 1954, the East Texas Pulp and Paper Company opened a paper mill in Evandale, TX [\(Note 1\)](#).

3. As I learned yesterday from Larry (TCEQ), during 1967, the [Southland Paper Mills, Inc.](#) opened a paper mill in Sheldon, TX.

A. Brown & Root built the Sheldon mill. Brown & Root also built MIMC's waste paper mill storage facility south of Galveston.

B. A twenty-mile long pipeline was build to carry waste water from the Sheldon mill to the Houston Ship Channel.

[\(Note 1\)](#) Although additional research is needed, at this time I have no further information about the current status of mills nor the operators of these mills.

Bob
5.6724

▼ "Allen, Bob (PHES)" ---09/22/2010 01:20:33 PM---Stephen, I believe that you are correct regarding the Sheldon Mill discharge to HSC. I'll check our

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Cc: "Emerson, John (PHES)" <JEmerson@hcuphes.org>
Date: 09/22/2010 01:20 PM
Subject: RE: question on former and current paper mills in HSC-GB watershed

Stephen,
I believe that you are correct regarding the Sheldon Mill discharge to HSC. I'll check our obsolete permit files to verify.
I'll also look at the Oxy Vinyls file for discharge point/pollutant info.

Bob Allen

▼ Philip Crocker---09/22/2010 08:36:42 AM---Hi Steve, I think so. Historically there

was a paper mill on the San Jacinto River, but it discharg

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Date: 09/22/2010 08:36 AM
Subject: Re: question on former and current paper mills in HSC-GB watershed

Hi Steve,

I think so. Historically there was a paper mill on the San Jacinto River, but it discharged to the HSC (assume this was the Sheldon Mill). Then there was Simpson Paper (possibly also St Regis and Champion at some points in time). Note that historically the Simpson discharge was treated at the Gulf Coast Waste Disposal Authority - Washburn Tunnel facility. I have a couple documents from the '80s and maps that you can use if needed. Note also that there were other sources of dioxin into the Ship Channel system, notably Oxyvinyls (a mercury cell chlorine/caustic producer), which discharged to Patrick Bayou. They have since eliminated the mercury cell component of their manufacture.

You may also want to check with our permits folks (Rich Wooster could probably point you in the right direction), or TCEQ-Houston Regional Office.

Phil

▼ Stephen Tzhone---09/21/2010 03:15:39 PM---Hi Curry, Phil, Karen, Sharon: We're starting to look into dioxin fingerprinting as a third line of

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Cc: Carlos Sanchez/R6/USEPA/US@EPA, Valmichael Leos/R6/USEPA/US@EPA, Barbara Nann/R6/USEPA/US@EPA, Robert Werner/R6/USEPA/US@EPA
Date: 09/21/2010 03:15 PM
Subject: question on former and current paper mills in HSC-GB watershed

Hi Curry, Phil, Karen, Sharon:

We're starting to look into dioxin fingerprinting as a third line of evidence for the SJRWP site (the other lines of evidence are: fate & transport modeling and dioxin TEQ levels).

I need to confirm the existence of all former and current paper mills before we start the fingerprinting process... does this map correctly identify all these mills (and their outfalls) in the HSC-GB watershed?



draft_Paper_Mills_092110a.pdf

Thanks,

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